

- 15 -

A B S T R A C T

This invention relates to novel antiproliferative and anti secretory peptides that are inhibitory to vasoactive intestinal peptide receptor and are useful in the treatment of cancer. The invention particularly relates to the synthesis of

5 lipid-peptide conjugates containing fatty acids of different sizes, which inhibits the binding of VIP to its receptors. The invention encompasses methods for generation of these peptides, composition containing these peptides and the pharmacological applications of these peptides especially in the treatment and prevention of cancer.

09630345-073100